

To: LaPoma, Jennifer[LaPoma.Jennifer@epa.gov]
Cc: Sharon Budney[BudneySL@cdmsmith.com]; Frank Tsang[TsangC@cdmsmith.com]; John Rolfe[jrolfe@demaximis.com]; Hoppe, Michael[Hoppe.Michael@epa.gov]
From: Stan Kaczmarek
Sent: Mon 4/21/2014 6:15:08 PM
Subject: Re: FW: RM 10.9 - Request for Memorandum
140306 N39 ROCK SURVEY.PDF
TM Panel N39 Slope Analysis.pdf
140411 Passaic Rock ThicknessSurvey MASTER North of No Dredge JJB.pdf

Jennifer,

As promised, attached are:

1. Cross-sections of the active layer in the panel N39 area taken after the material had slid into the navigation channel
2. A memo from CH2M HILL analyzing the slope characteristics in the vicinity of Panel N39
3. A recent survey of the area north of the No Dredge Zone marked up by CH2M HILL to show areas where more armor stone is needed.

Please note that the attached survey files are working documents being submitted to keep EPA informed as to the status of current operations. Sometime in next two weeks, however, we expect to submit survey results of the armored cap to seek EPA approval of that work prior to placement of the habitat layer. We hope to discuss the process for that review step during Wednesday's teleconference.

Please call me at 973-978-9621 if you have any questions on this data.

Stan Kaczmarek, PE
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>>> Stan Kaczmarek 4/18/2014 4:11 PM >>>

Jennifer,

I will be able to address all three comments and provide all the requested information on Monday.

In the meantime, be advised that a new attempt to measure active layer thickness in the areas of Panels N37, N38 and N39 will take place on Monday, April 21 at 9 AM when the tide levels will be lower than they were today. Mike Hoppe and Ben Hammond of CDM were both made aware of this earlier today.

I hope you have an enjoyable weekend.

Stan

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>>> "LaPoma, Jennifer" <LaPoma.Jennifer@epa.gov> 4/17/2014 4:37 PM >>>

Stan,

Thank you for providing the technical memorandum.

EPA has reviewed the memorandum and has the following comments:

1. Please prepare or update an existing cross section of the area showing the slope, including the upland area. Based on our review, a flat map of the surveys is not sufficient.
2. Perform geotechnical calculations to make sure the armor stone layer will not fail due to steep slope when finished.
3. At bottom of page 2, is it correct to assume CH2MHILL meant to say the surveys will be submitted the week of April 14th

Please let me know if you would like to arrange a time to discuss any of these comments further.

Jennifer LaPoma

212-637-4328

From: Stan Kaczmarek [mailto:StanK@demaximis.com]
Sent: Monday, April 14, 2014 2:13 PM
To: LaPoma, Jennifer
Cc: John Rolfe; Hoppe, Michael
Subject: Re: RM 10.9 - Request for Memorandum

Jennifer and Mike,

Attached is the requested technical memorandum.

We will provide you advanced notification of when the work and the coring is planned so that you can arrange for coverage by your oversight contractors.

Stan

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>>> "LaPoma, Jennifer" <LaPoma.Jennifer@epa.gov> 4/7/2014 12:20 PM >>>

Stan,

With regards to the "steep-slope" area at the northern extent of the removal area, the EPA is formally requesting an operational technical memorandum prior to any geotextile and armor stone placement.

In this tech memo, EPA expects clarification as to how the failure occurred during the earlier geotextile and armor stone placement, which caused these materials to fall into the deeper navigation channel.

Further, the memo should outline how these failures will be prevented during the future attempt(s) at panel placement in N-37, N-38, and N-39.

Lastly, there is some question in the 140401 Rock Thickness Survey provided by GLDD as to why these northern steep-slope areas have, in some instances, elevations that are above earlier surveys even though these areas have had the armor stone and geotextile materials removed. The EPA understands that this is an interim survey; however, if there has been a change in how the survey area(s) are calculated, this needs to be disclosed.

This memorandum is expected in a timely manner, with delivery requested by April 14, 2014. Operations on panels N-37-N39 should not proceed without issuance of the tech memo.

Please let Mike and I know if you would like to discuss this any further.

Thanks in advance,

Jennifer LaPoma